



USA ODS

U.S. Army Operator Driving Simulator

Interim CDT / Tactical Wheeled Vehicle (ICDT/TWV)

Program Kickoff
4 October 2005





ITWV/CDT Scope



- Production
 - 26 USA ODS
 - Fixed-base 5-channel systems with seat motion
 - Purely production effort – no development nor site preparation effort included
 - Utilize previous USA ODS hardware/software baseline
 - Installation
 - 13 Fort Bliss Delivery Dec 2005
 - 13 Fort Leonard Wood Delivery Feb 2006
- Post delivery support
 - 2 year manufacturer full hardware warranty
 - On-site CLS support at Fort Leonard Wood



USA ODS

U.S. Army Operator Driving Simulator



- ♦ 6 vehicles including trailers: M915, M939, FMTV, HEMTT, PLS, HET
- ♦ Manufactured cab supporting interchangeable dash sets – delivery order only includes one set / cab as specified
- ♦ Hardware fully compatible with legacy systems while taking advantage of latest appropriate technology
- ♦ Software fully compatible with existing USA ODS baseline

ICDT/TWV





MFR ODS Deliverables

Fort Leonard Wood

Unit	Dash Type	Motion Cueing	Visual System
1	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
2	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
3	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
4	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
5	HTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
6	HTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
7	HTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
8	HTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
9	GEN	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
10	GEN	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
11	GEN	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
12	GEN	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
13	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors

Fort Bliss

Unit	Dash Type	Motion Cueing	Visual System
14	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
15	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
16	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
17	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
18	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
19	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
20	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
21	MTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
22	HTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
23	HTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
24	HTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
25	HTV	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors
26	GEN	Seat Motion (3-DOF)	5-Channel w/Inset Mirrors

- IOS – Installed with current systems in pods of 4 as designated



Methodology

- ❑ Conduct site visits and provide trip reports
 - ◆ Site visits & report to verify site situation
 - ◆ Provide a site layout identifying pod arrangement
- ❑ Begin production effort and material procurement
 - ◆ State-of-the-art technology improvements over previously fielded systems providing at least comparable performance
- ❑ Complete contractor component testing and system verification
- ❑ Conduct in-plant acceptance test on a single representative article followed by sequenced installation and on-site acceptance test
 - ◆ Test procedures to duplicate previous USA ODS acceptance testing





GFE/GFI



- ❖ Government Furnished Equipment
 - ◆ Suitable facilities at Fort Bliss and Fort Leonard Wood suitable to support simulator installation/operation requirements
 - ◆ Services/property in support on on-site CLS personnel:
 - Property such as office space, desk, chair, telephone, fax machine, internet, copies, etc,
 - Utilities such as water, sewage, electricity, telephone, internet, cooling, HVAC
- ❖ Government Furnished Information
 - ◆ None required